

ABSTRACT OF THE DISCLOSURE

A plurality of local and remote computers share a plurality of local manipulating devices, and the connection agreements of the computers and the manipulating devices are different. First electrical signals from these manipulating devices are received, and each of the first electrical signals complies with the connection agreement of its source manipulating device. Each first electrical signal is then converted to a standard packet. The paths of these standard packets are routed between the manipulating devices and the computers. Afterwards, each standard packet is converted to a second electrical signal which complies with the connection agreement of its destination computer.

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